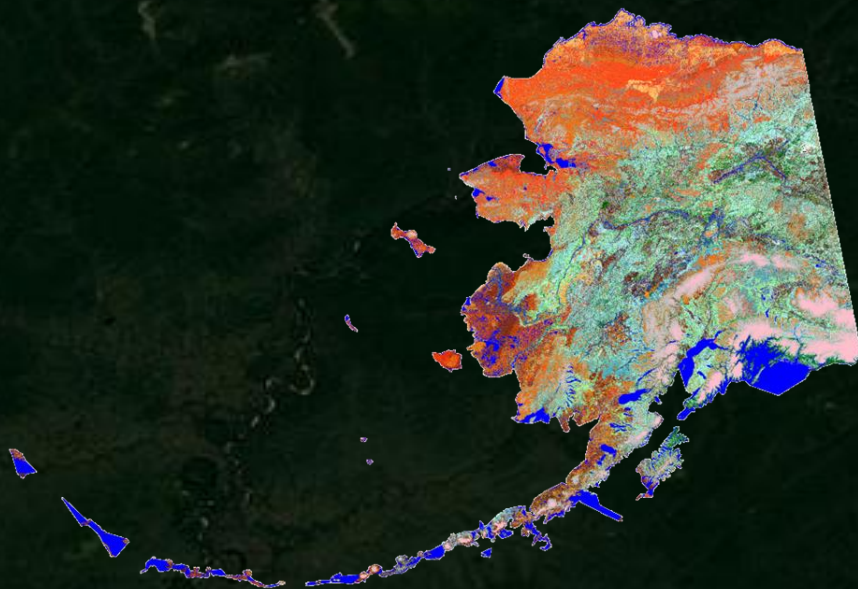


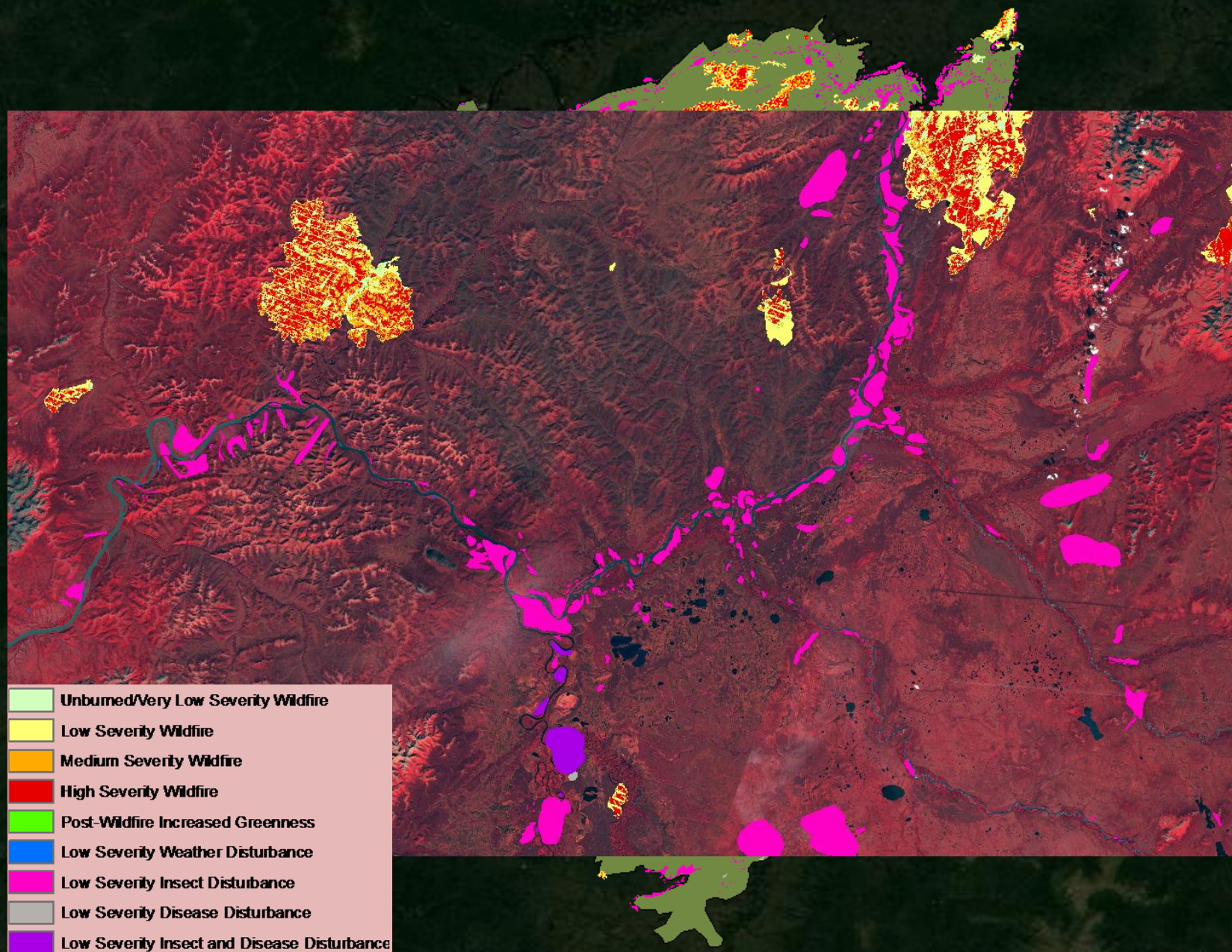
LANDFIRE Alaska Refresh

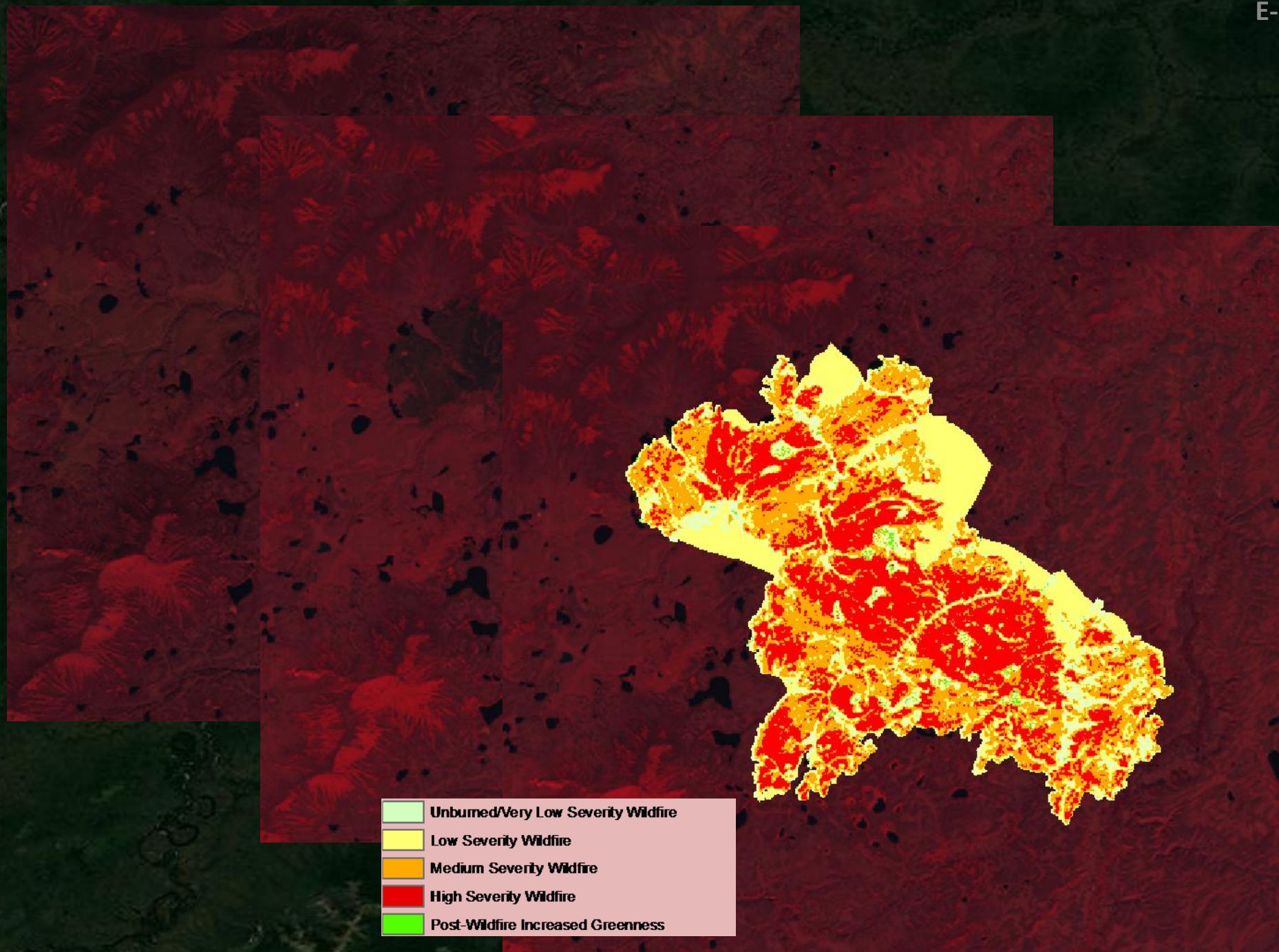


Kurtis Nelson & Don Ohlen – US Geological Survey

Refresh Process

- LFRDB and Events DB
 - New data collections added
 - Local unit events submissions
 - Monitoring Trends in Burn Severity
- Disturbance characterization
 - Disturbance type
 - Disturbance severity
 - Year of disturbance





Refresh Process

- Vegetation Transitions
 - Forest Vegetation Simulator
 - Vegetation Transition DB
- Surface and canopy fuel updates
 - Ruleset based transitions from vegetation to FBFM
 - LANDFIRE Total Fuel Change Tool (Tofu Δ)

Updated Products

- Existing Vegetation Type
- Existing Vegetation Height
- Existing Vegetation Cover
- Fire Behavior Fuel Models
- Canopy Base Height
- Canopy Bulk Density
- Succession Class
- Biophysical Settings

Newly Available Products

- Disturbance Events
- FCCS Fuel Beds
- Fuel Loading Models
- Fire Regime Condition Class

LANDFIRE National Alaska Webinar

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LANDFIRE Alaska Refresh Data Distribution Availability Schedule

- **Disturbance Grid** **April 15**
- **Existing Vegetation circa 01 LF_1.0.5** **April 15**
 - Existing Vegetation Type
 - Existing Vegetation Cover
 - Existing Vegetation Height
- **Fire Behavior circa 01 LF_1.0.5** **May 15**
 - Fire Behavior Fuel Model 13
 - Fire Behavior Fuel Model 40
 - Canadian Forest Fire Danger Rating System
 - Canopy Bulk Density
 - Canopy Base Height
 - Forest Canopy Cover
 - Forest Canopy Height
- **Fire Effects circa 01 LF_1.0.5** **May 15**
 - Fuel Characteristic Classification System Fuelbeds

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LANDFIRE Alaska Refresh Data Distribution Availability Schedule

- **Existing Vegetation circa 08 LF_1.1.0** **May 15**
 - Existing Vegetation Type
 - Existing Vegetation Cover
 - Existing Vegetation Height

- **Fire Behavior circa 08 LF_1.1.0** **June 15**
 - Fire Behavior Fuel Model 13
 - Fire Behavior Fuel Model 40
 - Canadian Forest Fire Danger Rating System
 - Canopy Bulk Density
 - Canopy Base Height
 - Forest Canopy Cover
 - Forest Canopy Height

- **Fire Effects circa 08 LF_1.1.0** **June 15**
 - Fuel Characteristic Classification System Fuelbeds



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LANDFIRE Alaska Refresh Data Distribution Availability Schedule

- **Potential Vegetation** **Aug 15**
 - Environmental Site Potential (ESP)
 - Biophysical Settings (BpS)
 - Historical Fire Frequency – 5 layers

- **Fire Regime circa 01** **Aug 15**
 - Fire Regime Condition Class (FRCC)
 - FRCC Departure Index
 - Succession Class

- **Fuel Loading Models circa 01** **Aug 15**

- **Fire Regime circa 08** **Aug 31**
 - Fire Regime Condition Class (FRCC)
 - FRCC Departure Index
 - Succession Class

- **Fuel Loading Models circa 08** **Aug 31**

LANDFIRE-Version Comparison - Windows Internet Explorer

http://www.landfire.gov/version_comparison.php

File Edit View Favorites Tools Help

LANDFIRE-Version Comparison

LANDFIRE

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Data Products ▶

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- Disturbance
- Databases & Tabular Data

Schedule ▶

How to Participate ▶

Documents ▶

Training & Technology Transfer ▶

Data Distribution Site

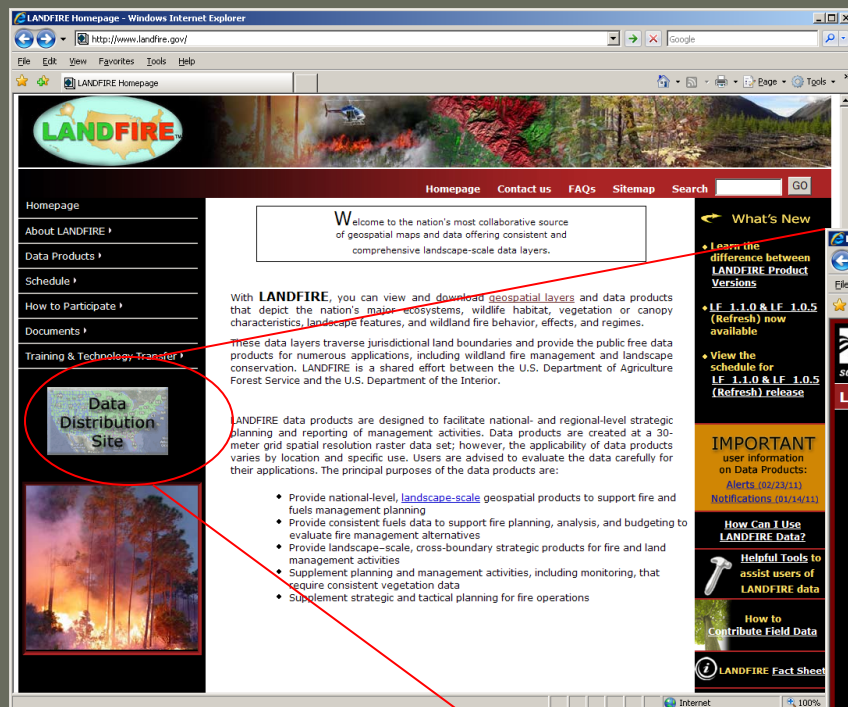
Data Products >> Version Comparison

Printable table with Data Products

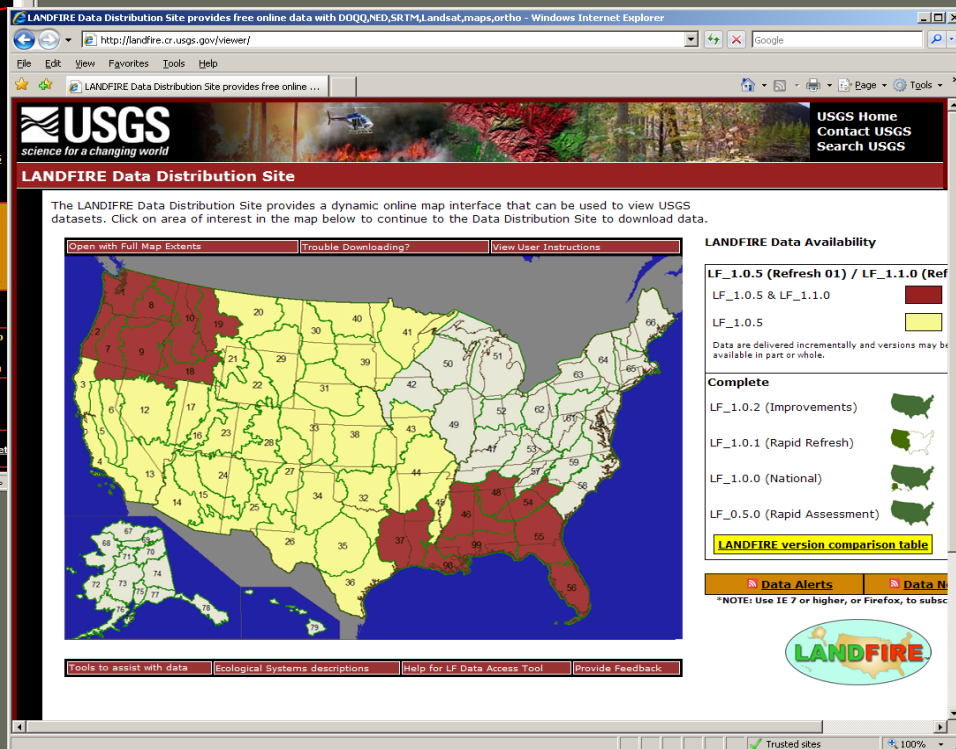
	LF_0.5.0	LF_1.0.0	LF_1.0.1	LF_1.0.2	LF_1.0.5	LF_1.1.0
Version Name and Description	Rapid Assessment: Designed to fill data needs prior to the National LANDFIRE data suite.	National: Original LF data products	Rapid Refresh: Started with LF_1.0.0 prior to calibration workshops. Increased Canopy Bulk Density (CBD) and reduced Canopy Base Height (CBH). Incorporated fires >1000 acres through 2007.	Improvements: Started with LF_1.0.0 and modified existing vegetation and fuels along international boundaries, and within areas previously classified as agriculture, urban, rock, & water.	Refresh 2001: Started with LF_1.0.2 and refined Existing Vegetation Type (EVT) based on local feedback. Remapped Existing Vegetation Cover (EVC) and Existing Vegetation Height (EVH) in forested areas.	Refresh 2008: Started with LF_1.0.5 and incorporated disturbances (fire, vegetation management, weather, etc.) & succession through 2008.
Imagery Date	1990 - 2004	1999 - 2003	1999 - 2003	1999 - 2003	1999 - 2003	1999 - 2003
Disturbance Imagery Dates	N/A	N/A	2000 - 2007	N/A	N/A	2000 - 2008
Completion Date	2006	2009	2008	2010	2011	2011
Geographic Extent	Conterminous U.S.	Conterminous U.S., AK & HI	Western States (not AK & HI)	Conterminous U.S.	Conterminous U.S., AK & HI	Conterminous U.S., AK & HI
Data Product	Rapid Assessment suite	LANDFIRE suite	Fuel & Veg subset	Fuel & Veg subset	LANDFIRE suite	LANDFIRE suite

Internet 100%

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<http://www.landfire.gov>



LANDFIRE Data Distribution Site
<http://landfire.cr.usgs.gov/viewer/>